

ABSTRACT

A software tool includes logic configured to enable a child process that inherits the address space of an instrumented parent process to execute an unaltered version of the address space when the child process inherits the altered address space of the parent process. A method for processing breakpoint events in a child process created from a parent process, when the parent process is instrumented by a software tool includes, storing uninstrumented parent process code replaced by each occurrence of a breakpoint inserted into the address space during instrumentation of the parent process, monitoring execution of a child process created by the parent process for an initial breakpoint in the address space, suspending execution of the child process in response to an initial breakpoint, replacing each occurrence of a breakpoint in the address space with the uninstrumented parent process code, and resuming execution of the child process.